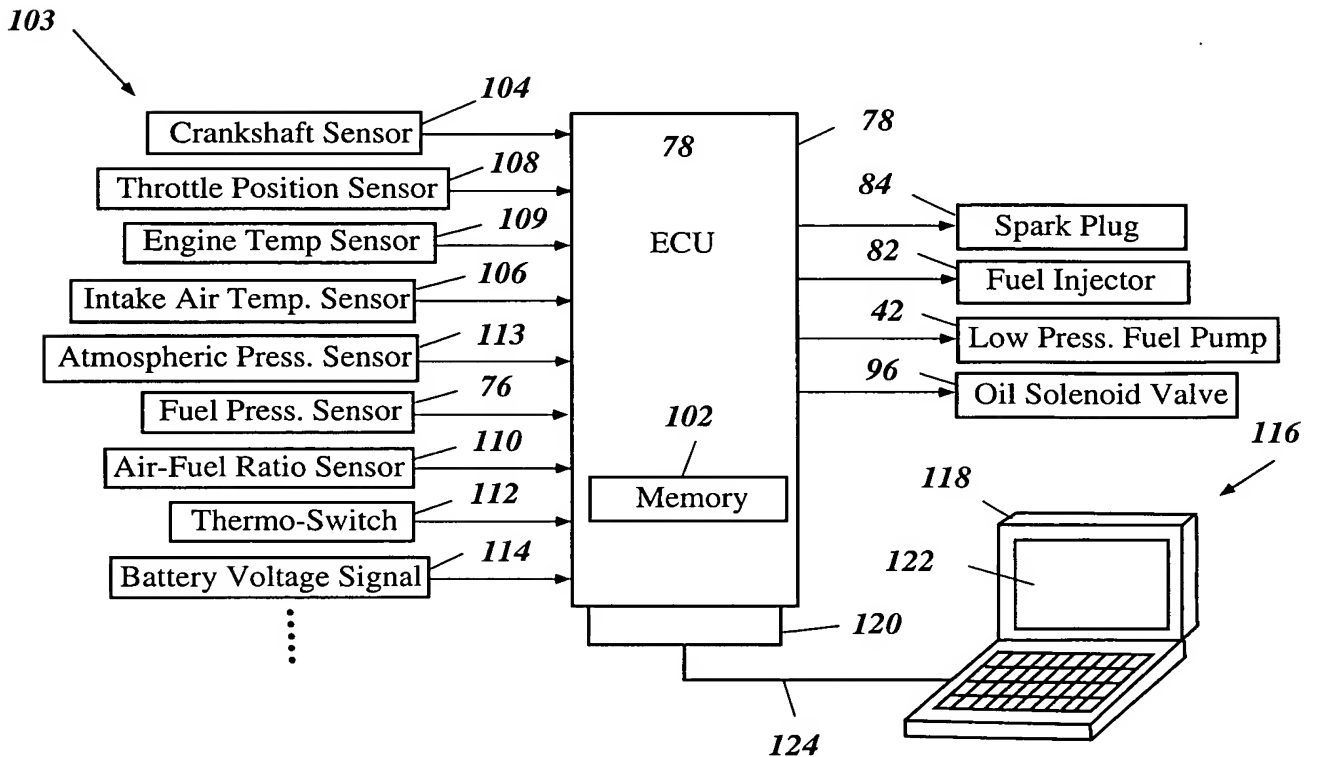


**Figure 1**



**Figure 2**



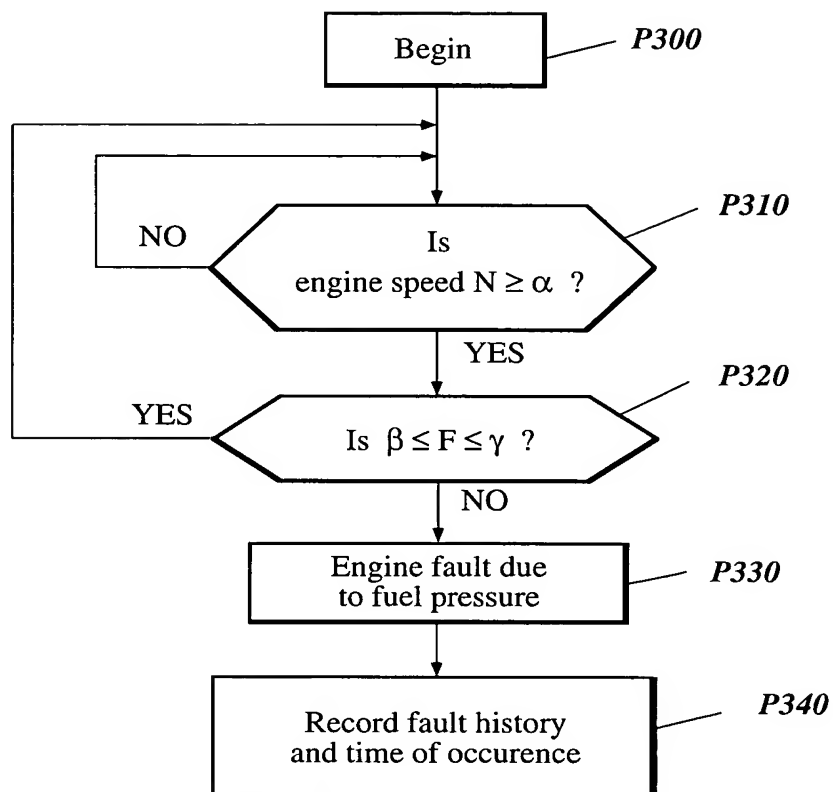
Attorney Docket Number: FS.20111US0A

Applicant: Akuzawa et al.

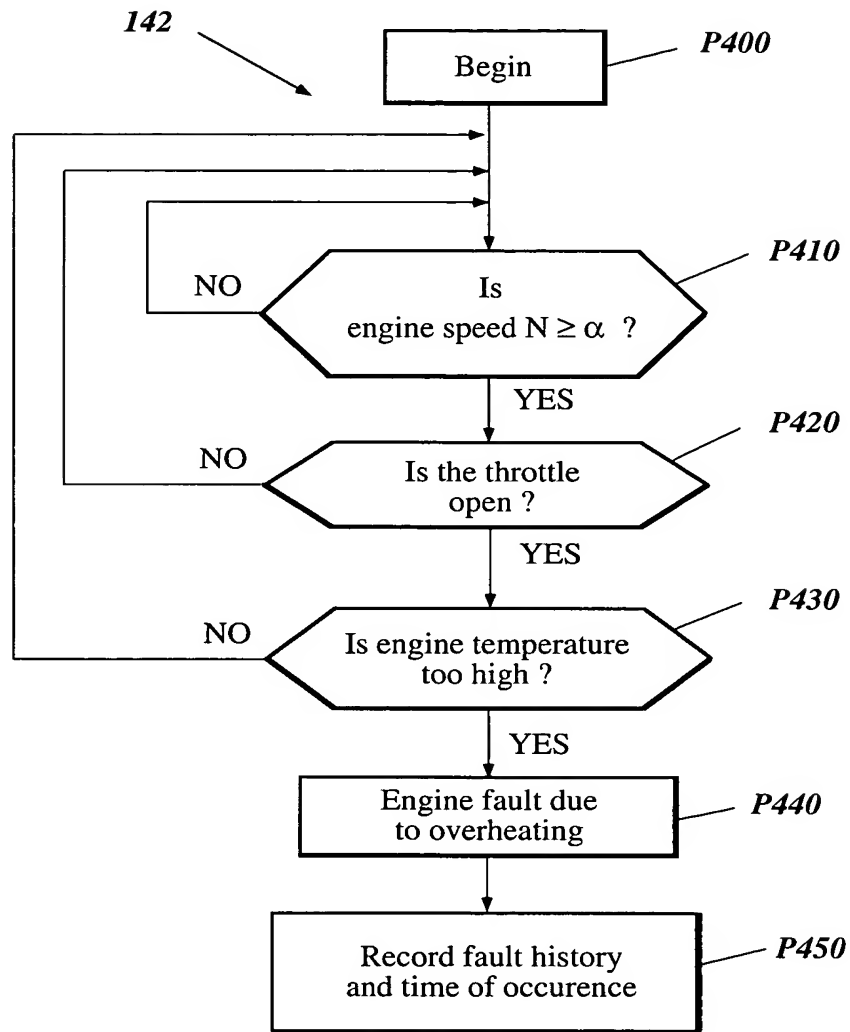
Title: MALFUNCTION DIAGNOSIS SYSTEM FOR ENGINE

Application Number: 10/611,716

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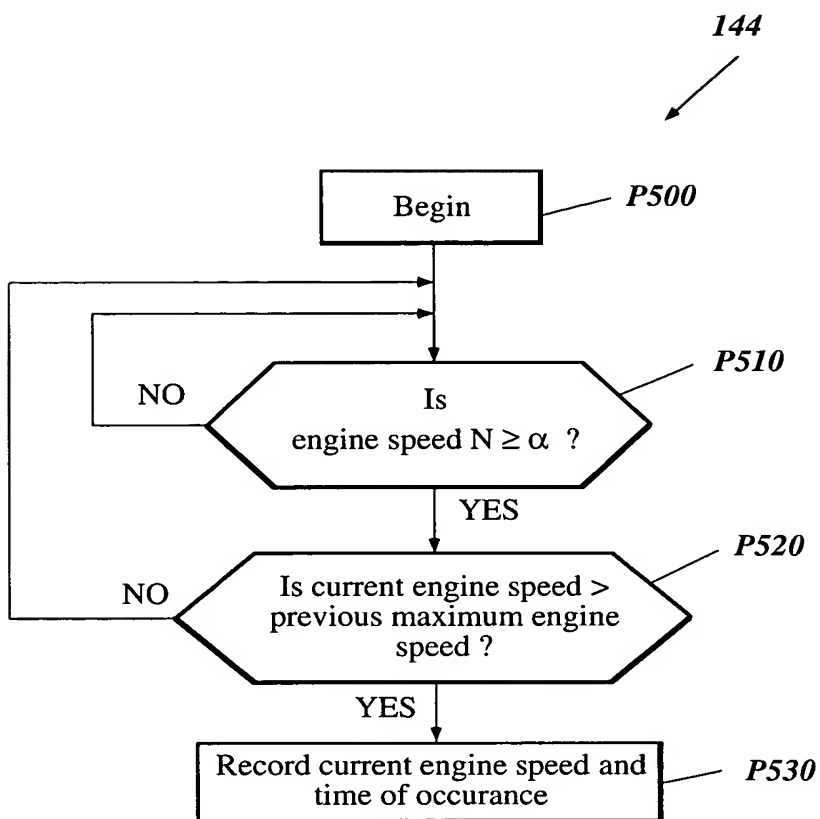
**Figure 3**



**Figure 4**



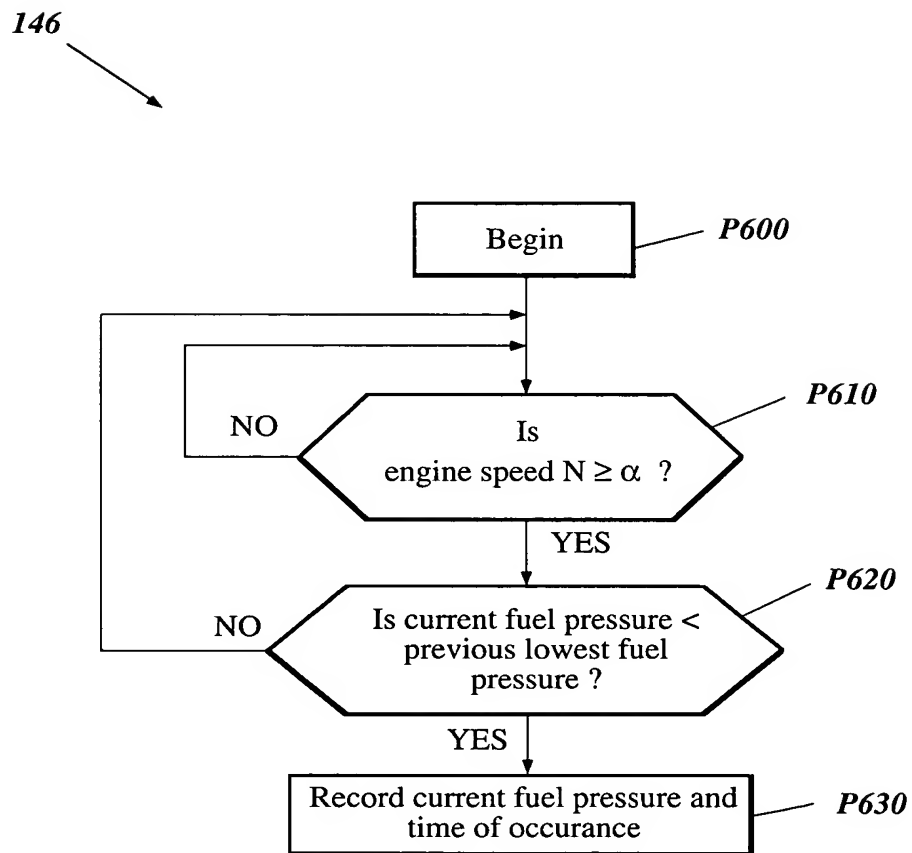
Attorney Docket Number: FS.20111US0A  
Applicant: Akuzawa et al.  
Title: MALFUNCTION DIAGNOSIS SYSTEM FOR ENGINE  
Application Number: 10/611,716



**Figure 5**



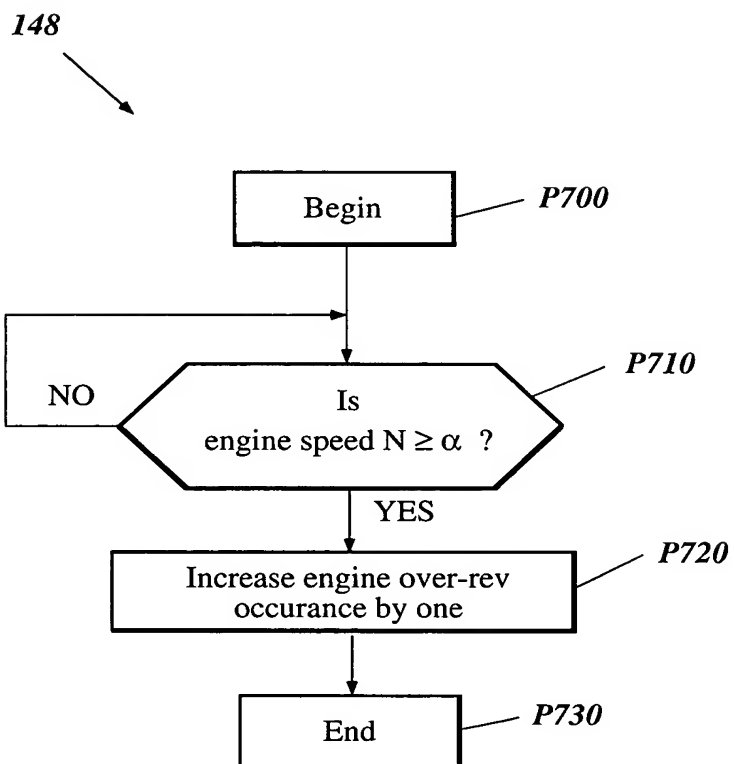
Attorney Docket Number: FS.20111US0A  
Applicant: Akuzawa et al.  
Title: MALFUNCTION DIAGNOSIS SYSTEM FOR ENGINE  
Application Number: 10/611,716



**Figure 6**



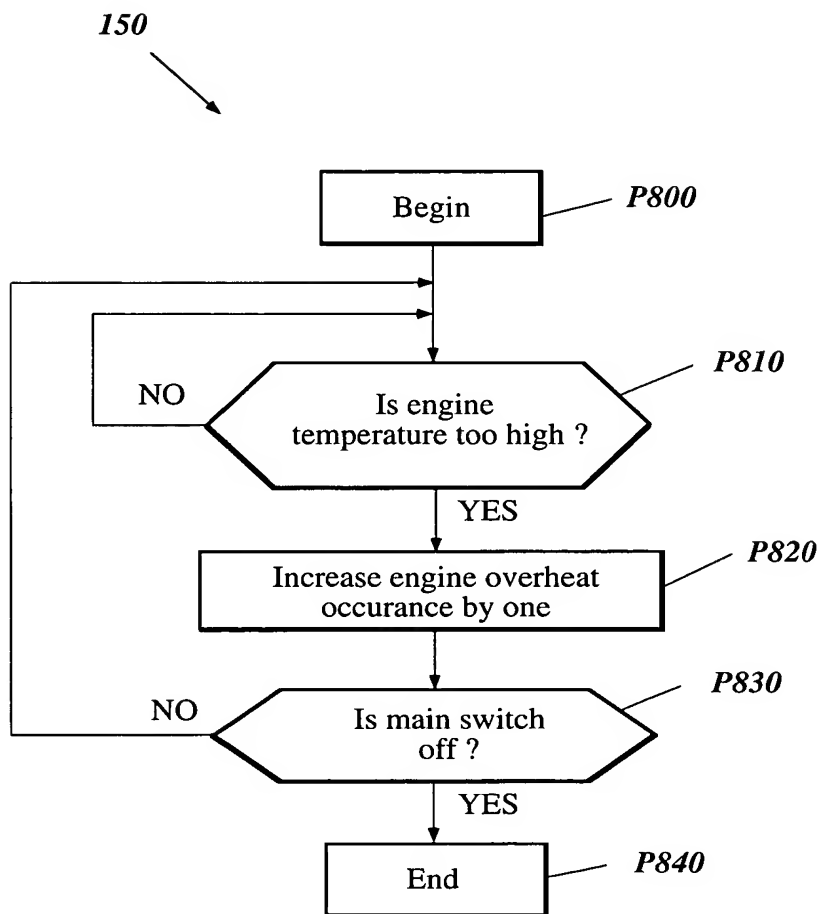
Attorney Docket Number: FS.20111US0A  
Applicant: Akuzawa et al.  
Title: MALFUNCTION DIAGNOSIS SYSTEM FOR ENGINE  
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**Figure 7**



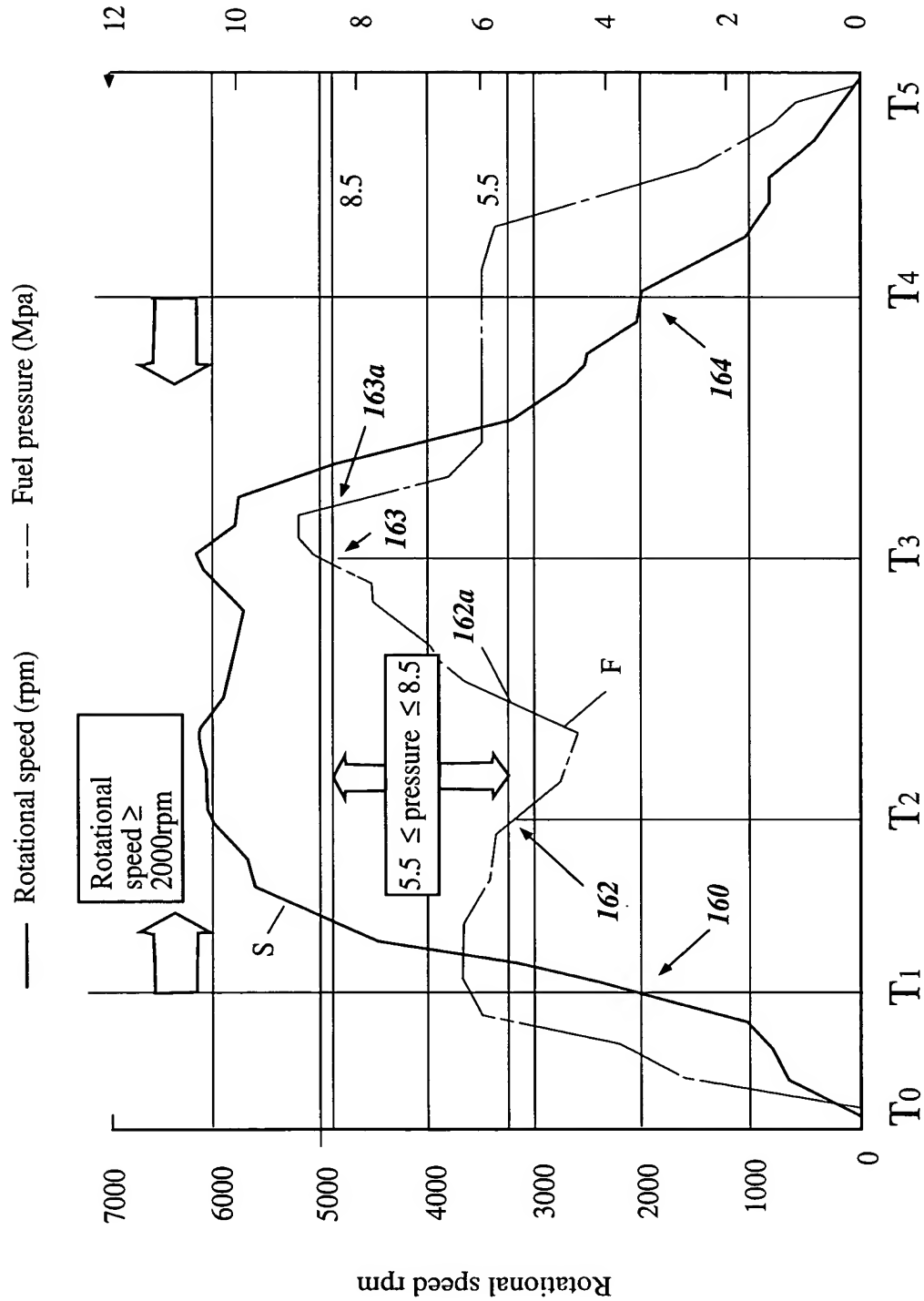
Attorney Docket Number: FS.20111US0A  
Applicant: Akuzawa et al.  
Title: MALFUNCTION DIAGNOSIS SYSTEM FOR ENGINE  
Application Number: 10/611,716



*Figure 8*



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Total Operating Time (hr)

Figure 9





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Title: MALFUNCTION DIAGNOSIS SYSTEM FOR ENGINE

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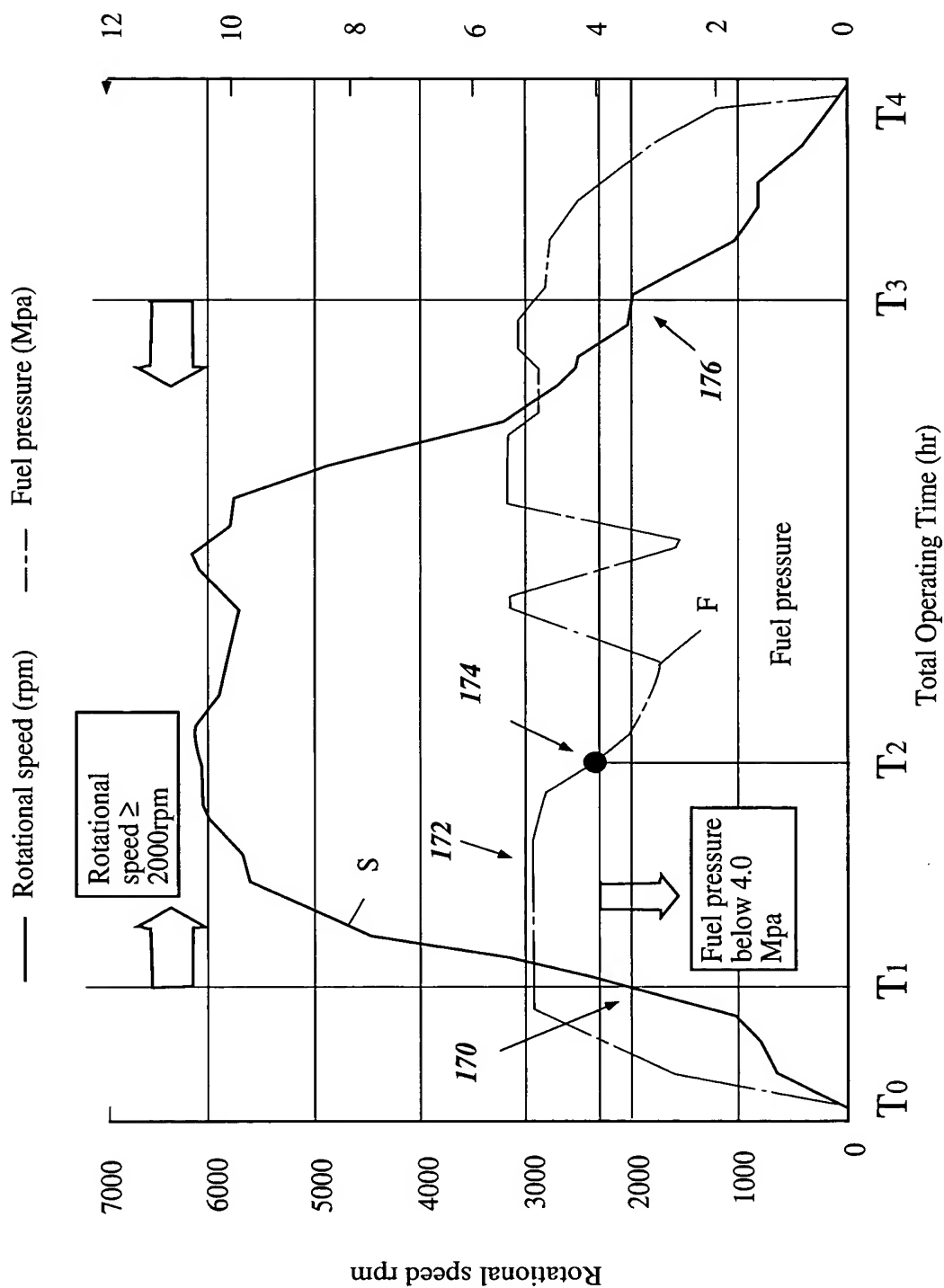


Figure 10

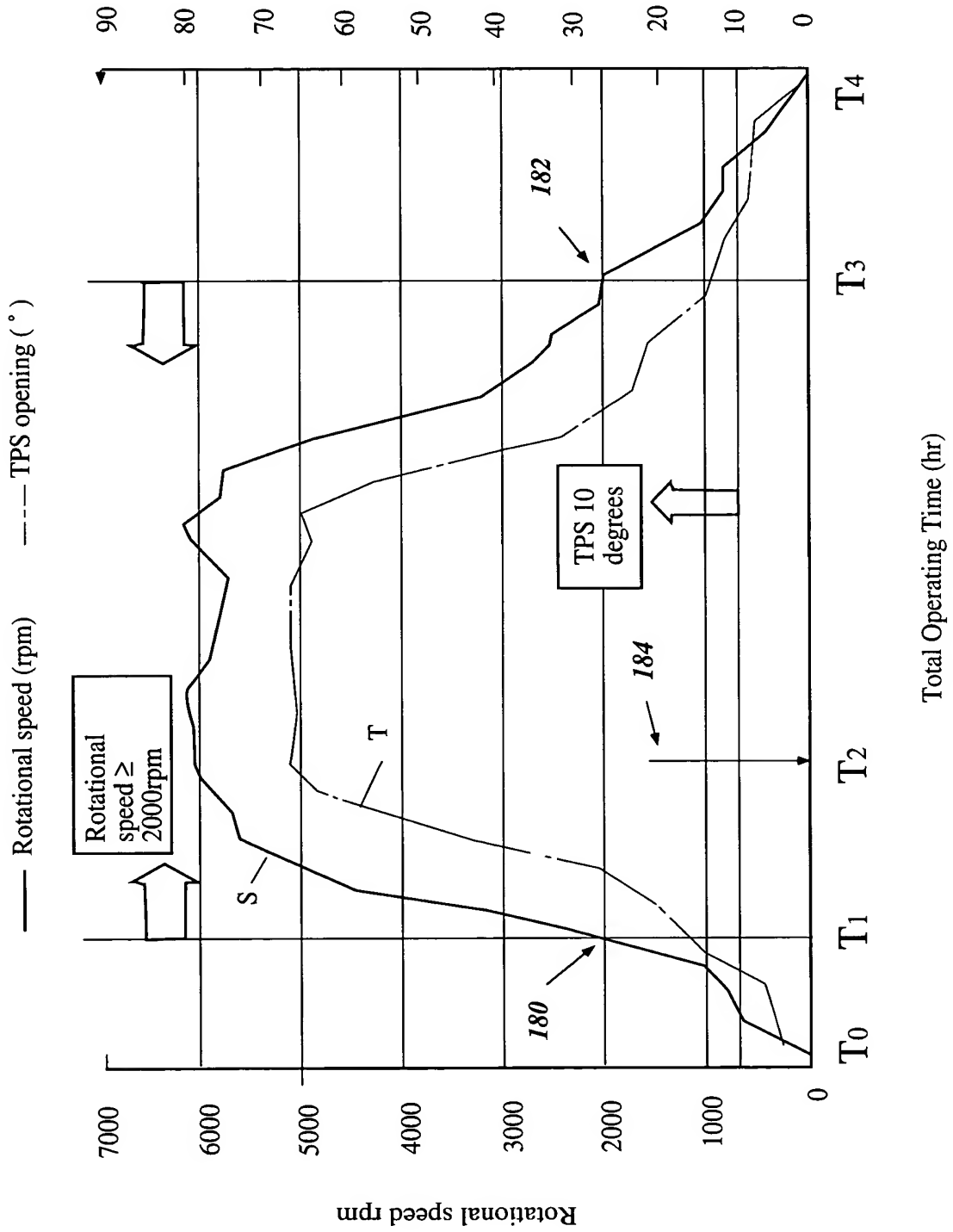


Figure 11

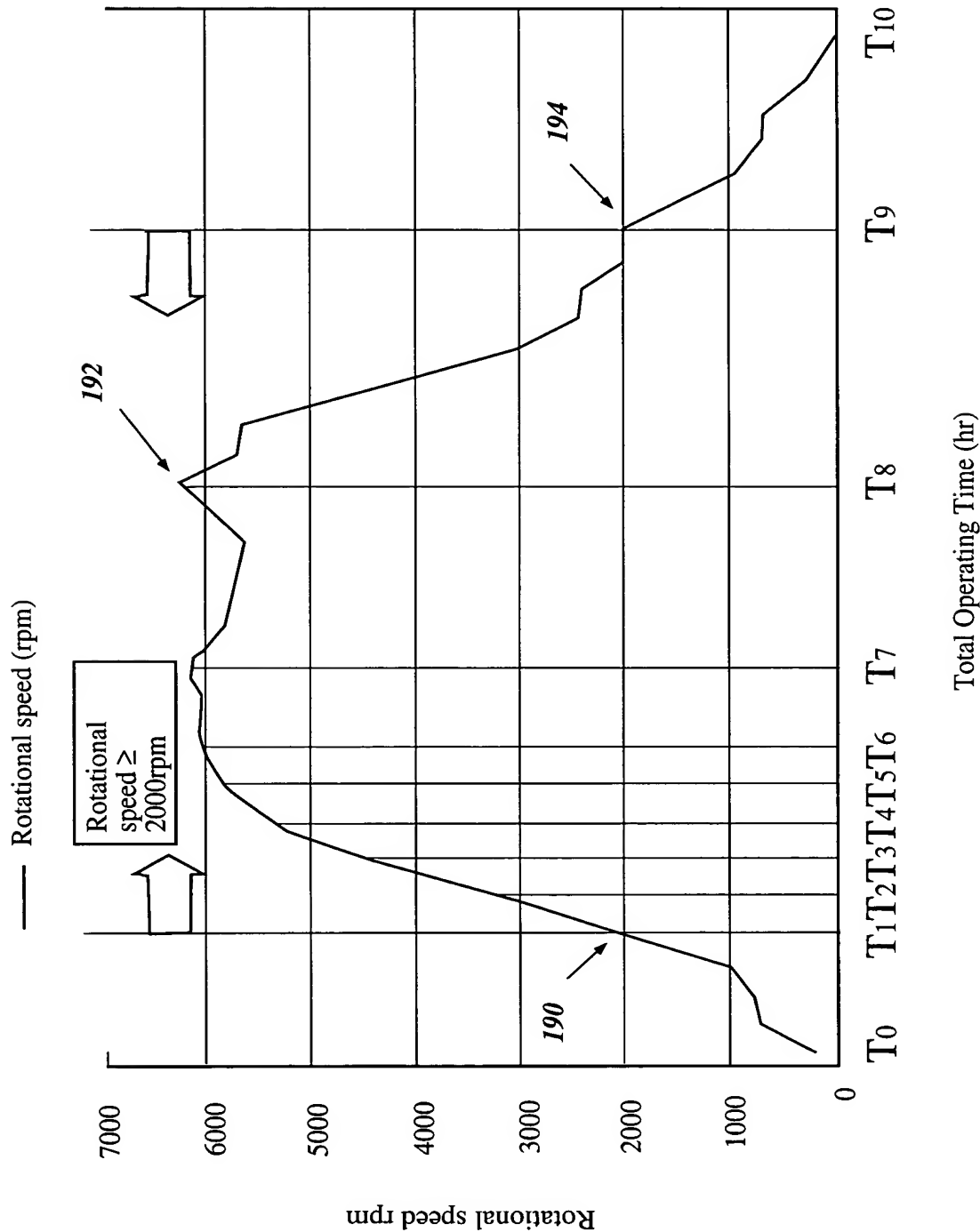


Figure 12

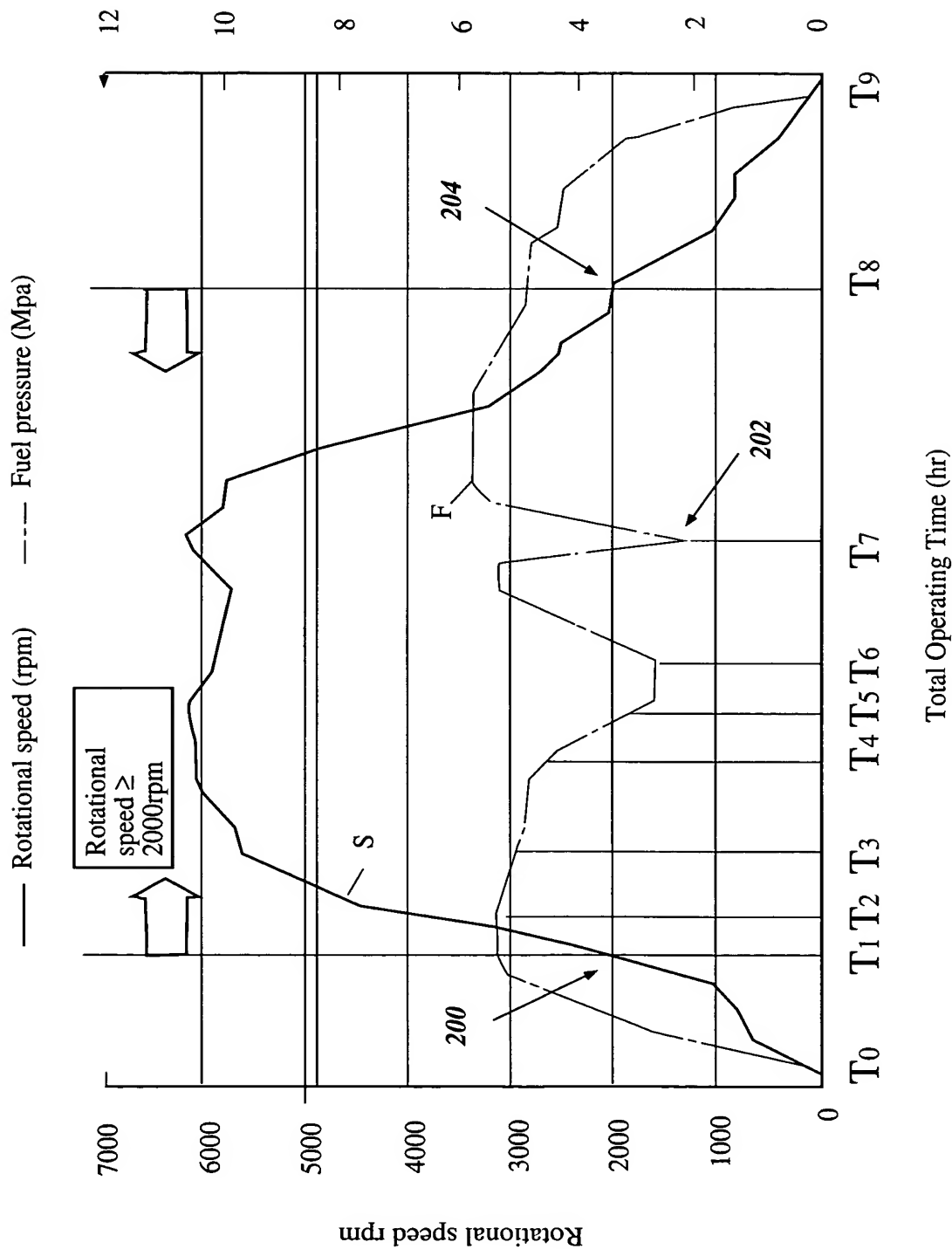


Figure 13



Attorney Docket Number: FS.20111US0A  
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Title: MALFUNCTION DIAGNOSIS SYSTEM FOR ENGINE  
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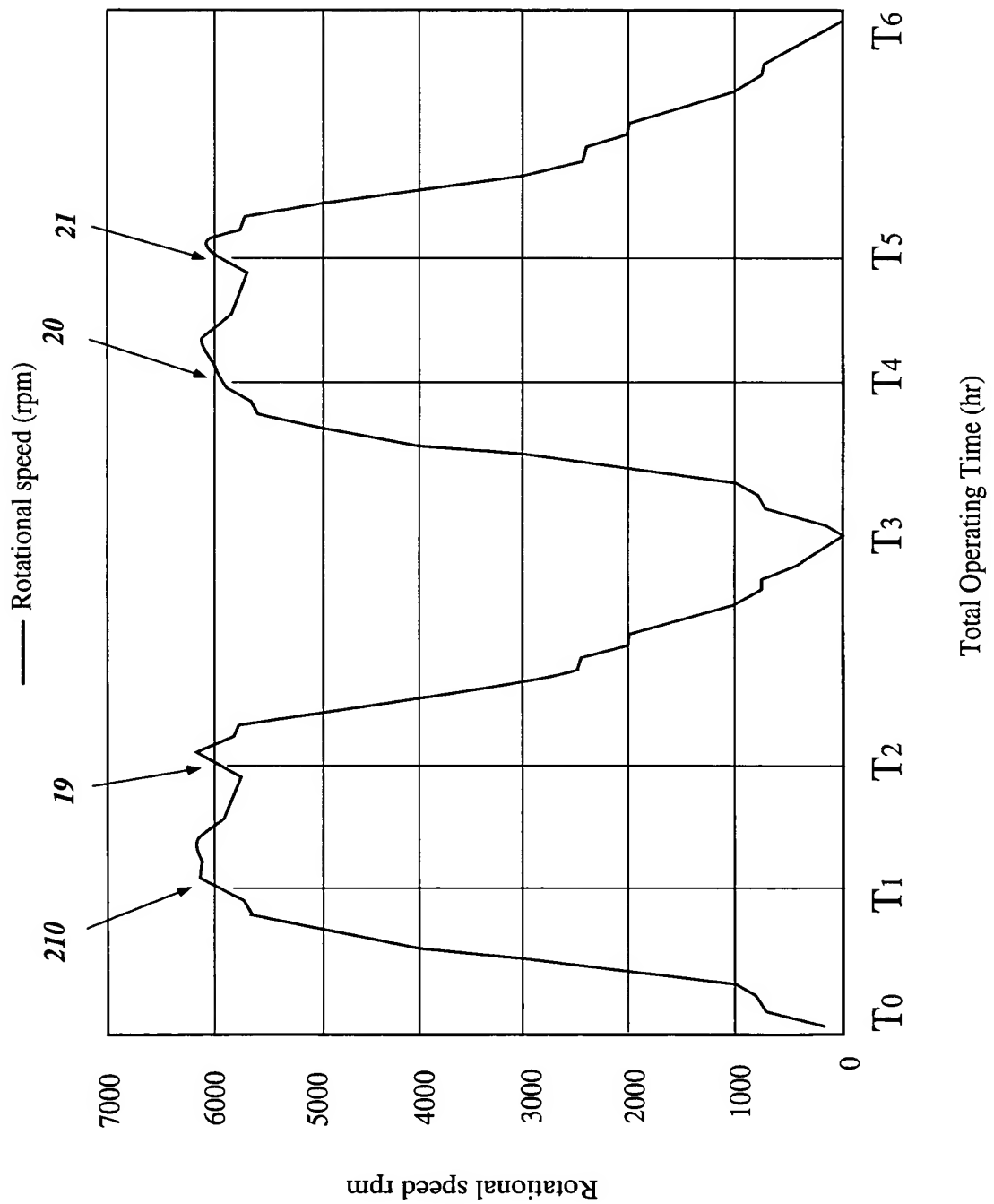


Figure 14

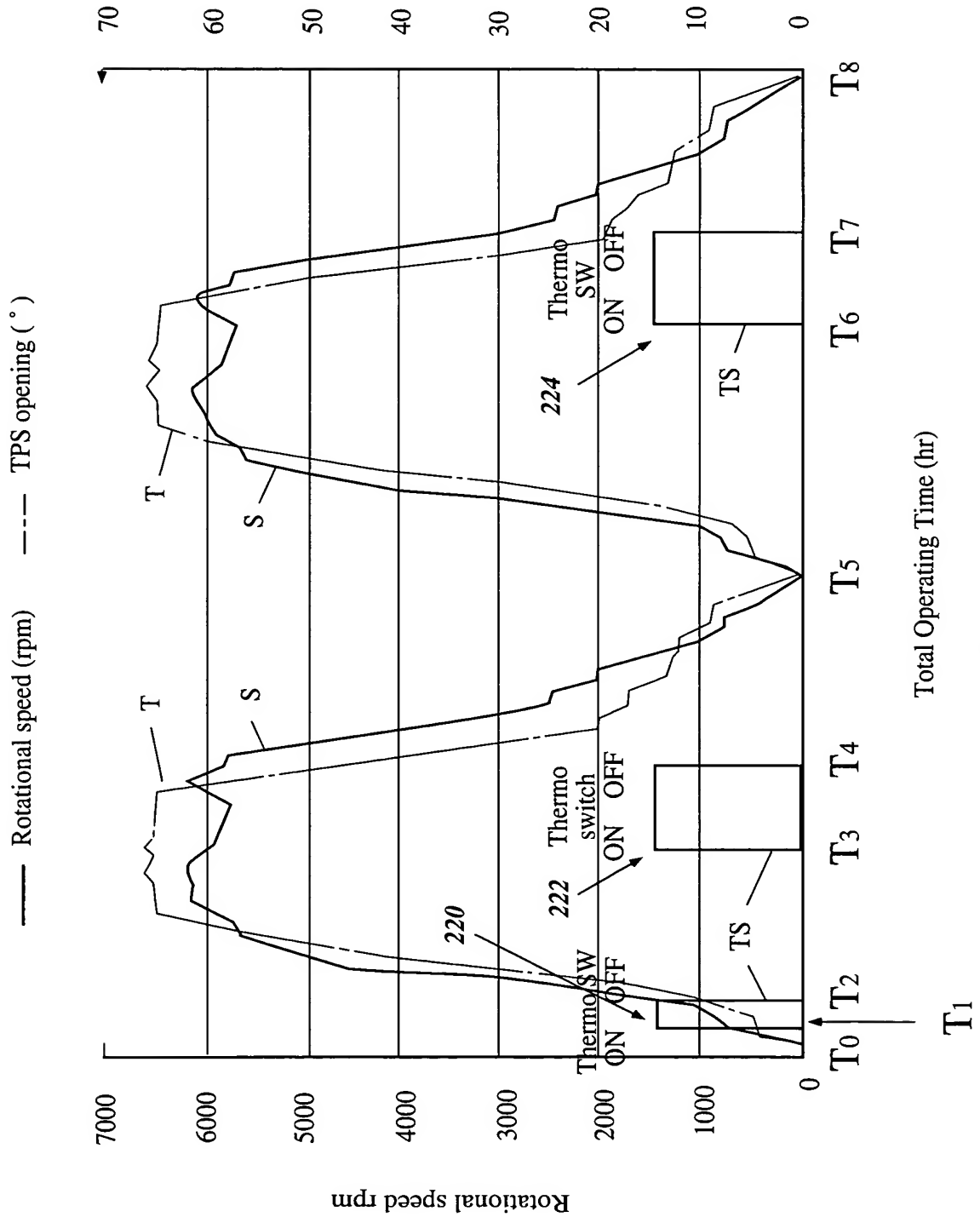


Figure 15



Attorney Docket Number: FS.20111US0A  
Applicant: Akuzawa et al.  
Title: MALFUNCTION DIAGNOSIS SYSTEM FOR ENGINE  
Application Number: 10/611,716

Item	Value	Unit
Engine rotational speed	-----	rpm
Fuel pressure	-----	MPa
Atmospheric pressure	-----	inlfg
Inlet air temperature	-----	°C
Ignition timing	-----	Degree
Battery voltage	-----	V
Throttle opening	-----	Degree
Fuel injection interval	-----	ms

*Figure 16*



Attorney Docket Number: FS.20111US0A  
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Maximum engine rotational speed	...	... hours
Minimum fuel pressure	... Mpa	... hours
Over-rev	... times	
Overheating	... times	
Total operating time	... hours	

*Figure 17*





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Engine rotational speed

Figure 18